UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 31-R-0006

FORM APPROVED ( OMB NO 0579-036

ad with USDA

#### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Oct. 1, 1999 - Sept. 30, 2000

2. HEADQU include 2 31-R-0006, Cust ld 208

Animal Care Program 0263 WO

The University Of Toledo

Toledo, OH-43606

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

#### **FACILITY LOCATIONS (Sites)**

1. Wolfe Hall Building #0263

3. University Hall Room #1120J (Rats Only)

University Hall #5500

2. University Hal		F RESEARCH FACILITY	' (Attach adiditional sheets if ne	cussary or use APHIS FORM 7023A)	
A. Animais Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which feaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accomounting pain or distress to the unimals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	5	58	28	0	86
8. Rabbits	2	10	8	0	18
9. Non-human Primates	0	8	1	0	9
10. Sheep	0	0	0	0	0
11 Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Jamaican Fruit Bats	25	0	2	0	2
Short-tail Fruit Ba	ts 25	6	0	0	6
CONTINUED					
ASSURANCE STATEMENTS					

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility

- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Cure and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending vetermarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of annual care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

11/28/00

APHIS FORM 7023 (AUG 91)

(Replaces VS EC.RM 18-23 (XCT 88), which is obsolete.)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address as registered with USDA

WIND WARE IN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

I. REGISTRATION NO

31-R-0006

FORM APPROVED OMB NO 0579:0036

CONTINUATION SHEET FOR ANNUAL REPORT
OF RESEARCH FACILITY

(TYPE OR PRINT)
Oct. 1,1999 - Sept. 30, 2000

Animal Care Program 0263 WO The University Of Toledo

Toledo, OH 43606

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Alfach adultional sheets if nocessary or use this form) Number of animals ment which teaching. B. Number of C Number of D. Number of animals upon experiments, research, surgery or tests were animals being which experiments conducted involving accompanying pain or distress Animals Covered By The Animal bred which leaching reaching, research. to the animals and for which the use of appropriate conditioned, or TOTAL NO research surgery, or tests were anesthetic, analgesic or tranquilizing drugs would experiments, or OF ANIMAL. Welfare Regulations held for use in conducted involving have adversely affected the procedures, results or feaching, festing, lesis were accompanying pain or interpretation of the feaching, research, experiments. conducted distress to the animals (Cols. C . experiments, surgery or tests. (An explanation of research, or involving no and for which appropriate the procedures producing pain or distress in these surgery but not pain distress, or anesthetic, analogists or animals and the masons such drugs were not used 12 &/OR 13 Other ver used for such use of pain tranquitizing drugs were must be attached to this report purioses relieving drugs (List by species) Greater Spear-Nose 28 Ω Bats 0 5 5 0 0 Egyption Fruit Bats 0 5 1 10 4 Hedgehogs 0: 0 0 Naked Mole Rats 4 0 Non Covered Species 0 98 25 73 25 Laboratory Strain Rats 328 0 313 15 43 Laboratory Strain Mice 118 0 0 Zebra Fish 202 118

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approximate use of anims)heth, anidigese, and transjolizing drugs, prior to during and following actual research, teaching, lesting, surgery or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to paniful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations for explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report of addition in identifying the IACUC approved exceptions, this summary includes a tiref explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to versee the adequacy of other aspects animal case and too.

(Chief Executive	BY HEADQUARTES RESEARCH FACILITY OFFICIAL  c Officer or Legally Responsible Institutional Official) the above is true, correct, and complete (2 U.S.C. Section 2143)	
Similar of Consultation of State	DAME & TITLE OF CE O. OR INSTITUTIONAL OFFICIAL of commun Prints	DATE SIGNED
		11/28/00

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTETO TEST TO THE TOTAL

include Zip ( 31-R-0007, Cust Id 209

with USDA

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

GLIATECH, INC. 23420 COMMERCE PARK ROAD BEACHWOOD, OH 44122

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

Animal Facility

		<del> </del>			
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.)					
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			362		362
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
	<u> </u>				
ASSURANCE STATEMENTS		·			

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
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CF	ERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional Official)
	Length that the above is true governt, and consider 17 to 0.0. com 2140.

recently that the above is thie, correct, and complete (7 U.S.C. Section 2

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

NOV

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

omb NO 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQL' include - 31-R-0013. Cust ld 214

CHILDREN'S HOSPITAL RESEARCH FOUNDATION 700 CHILDREN'S DRIVE

COLUMBUS, OH 43205

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

200

FACILITY LOCATIONS (Siles)

Vivarium - lower level

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO.  OF ANIMAL  (Cols. C +  D + E)
4. Dogs					0
5. Cats			14		14
6. Guinea Pigs			4		4
7. Hamsters		7	2		9
8. Rabbits			19		19
9. Non-human Primates			201		201
10. Sheep					С
11. Pigs		1	365		366
12. Other Farm Animals					0
13. Other Animals					
Chinchillas			249		249

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
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- 4) The ultending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)    Certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
	DATE SIGNED

Interagency Report Captrol No. 0180 DOA: AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

#### 1. REGISTRATION NO.14

FORM APPROVED OMB NO 0579-0036

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Onto State University, The

313 Reseach Foundation 1960 Kenny Road Columbus, OH 43210-1063 Status: Active



ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

See Attached

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these -purposes. Attach additional sheets it necessary.)

FACILITY LOCATIONS (Sites)

REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	RESEARCH FACILITY	/ (Attach adultional sheets if or	ncessary or use APHIS FORM 7023A)	
A.  Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of unimals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, assembly surgery or tests. (As angles after the	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs		19	456		475
5. Cats		28	116		144
6. Guinea Pigs	6	369	26		395
7. Hamsters		0	77		77
8. Rabbits		19	405		424
9. Non-human Primates		13	41		54
10. Sheep		12	30		42
11. Pigs		439	413		852
12. Other Farm Animals Cows Horses		15 4	65 115		80 119
13. Other Animals		4	11.7		113
Bats	0	28			28
Camelids		58			58
Chickens		100	0		100

- Professionally acceptable standards governing the care, treatment, and use of animals, including approvide use of anesthetic, analgesic, and tranquitizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Lecrity that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

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**ASSURANCE STATEMENTS** 

2. HEADQUARTERS RESEARCH FACILITY (Name and Address) as registered with USDA include Zip Code:

## CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY ( TYPE OR PRINT)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Affach additional sheets if nocussary or use this form ) B. Number of C. Number of Number of animals upon which teaching, O. Number of unimals upon animals upon animals being experiments, research, surgery or tests were which experiments which leaching Aminus Covered conducted involving accompanying pain or distriess to the animals, and for which the use of appropriate leaching, research, conditioned or research surgery, or tests were TOTAL NO field for use in Welfare Regulations experiments, or unesthetic, analgesic, or tranquilizing drugs would conducted involving leaching, testing, tesis were have adversely affected the procedures, results, or accombanying pain or experiments. conducted interpretation of the leaching, research distress to the animals research, or invalving no experiments, surgery, or tests. (An explanation of (Cols. C + and for which appropriate surgery but not the procedures producing pain or distress in these pain, distress, in anesthetic analousic or yet used for such animals and the masons such drugs were not used 12 &/OR 13 Other tranquilizing drugs were purposes. must be affached to this report) relieving drugs (USI DV SPOCIOS) used 0 110 Chinchillas 110 Ducks 20 0 20 10 100 Frogs 110 Gerbils 146 40 0 40 0 6 Goats 6 29 Opossums 8 21 2 02 Raccoons

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approvate use of aniesthetic analysis, and tranquilizing drugs, prior to, during and following actual research feaching, festing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary duric and to overside the adequacy of other aspects of unimal care and use

CERTIFICATION BY	HEADQUARTES RESEARCH FACILITY OFFICIAL	
(Chief Executive O	fficer or Legally Responsible Institutional Official)	
Frantify that the	above is true, correct, and complete (7 U.S.C. Section 2141)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME A TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL IT THE IN POINT	DATE SIGNED

10N000

Registered Facility Name: University	sity Laboratory Animal Resources	
Registration Number: 31-R-00	014	
Be sure to include all requested the line does not apply, please n	ouse animals under the above registration nur information. Do not leave any spaces blank. nark it N/A. If you have more than three (3) imes as needed before filling in the sites.	If
Site No.: Name/Department:	Postle Hall	
Address:	305 W. 12th Ave.	(Street Name)
	Cols., OH 43210	(Town/City )
Building:	N/A	
Floor/Room:	0089	
Contact Person:		-
Site No.: 2 Name/Department:	Laboratory Animal Center	
Address:	6089 Godown Rd.	(Street Name)
	Cols., OH 43235	(Town/City )
Building:	Buildings 1,3,4, and 6	
Floor/Room:	N/A	
Contact Person:		*****
Site No.: 3 Name/Department:	Marion Campus	
Address:	1465 Mt. Vernon Ave.	(Street Name)
	Marion OH 43302	(Town/City )
Building:	Marrill Hall	
Floor/Room:	390	
Contact Person:		

Registered Facility Name. Onversity Laboratory Animal Resources				
Registration Number: 31-R-0014				
Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If the line does not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.				
Site No.: 4 Name/Department:	Graves Hall			
Address:	333 W. 12th Ave.	(Street Name)		
	Cols., OH 43210	(Town/City )		
Building:	N/A			
Floor/Room:	B167			
Contact Person:				
Site No.: 5 Name/Department:	Wiseman Hall			
Address:	400 W. 12th Ave.	(Street Name)		
	Cols., OH 43210	(Town/City )		
Building:	N/A			
Floor/Room:	171			
Contact Person:				
<u> </u>				
Site No.: 6 Name/Department:	Biological Sciences			
Address:	484 W 12th Ave.	(Street Name)		
	Cols., OH 43210	(Town/City )		
Building:				
Floor/Room:	525			
Contact Person:				

Registered Facility Name: University	sity Laboratory Animal Resources		
Registration Number: 31-R-00	014		
Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If the line does not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.			
Site No.: Name/Department:	Parks Hall		
Address:	500 W 12th Ave.	(Street Name)	
	Cols., OH 43210	(Town/City )	
Building:	N/A		
Floor/Room:	531	· · · · · · · · · · · · · · · · · · ·	
Contact Person:			
Site No.: 8 Name/Department:	Goss Laboratory	· · · · · · · · · · · · · · · · · · ·	
Address:	1925 Coffey Rd.	(Street Name)	
	Cols., OH 43210	(Town/City )	
Building:	N/A		
Floor/Room:	257A and 257B		
Contact Person:			
Site No.: 9 Name/Department:	Sisson Hall		
Address:	1900 Coffey Rd.	(Street Name)	
	Cols., OH 43210	(Town/City )	
Building:	N/A		
Floor/Room:	A-31		
Contact Person:			

Registered Facility Name: Univ	versity Laboratory Animal Resources	
Registration Number: 31-F	R-0014	
Be sure to include all request the line does not apply, pleas	house animals under the above registration ed information. Do not leave any spaces blar e mark it N/A. If you have more than three (y times as needed before filling in the sites.	nk. If
Site No.: 10 Name/Department	: Veterinary Hospital	
Addre	ss: 601 Tharp Street	(Street Name)
·	Cols., OH 43210	(Town/City )
Buildir	ng: <u>N/A</u>	
Floor/Roo	m: <u>0126</u>	
Contact Perso	on:	
Site No.: 11 Name/Departmen	t: Ohio Agriculture Research and Development	Center
Addre	ss: 1680 Madison Ave.	(Street Name)
	Wooster, OH 44691	(Town/City )
Buildi	ng: N/A	
Floor/Roo	m: N/A	
Contact Perso	on:	<del>/***</del> *********************************
Site No.: 12 Name/Departmen	t: Botany and Zoology	
Addre	ess: 1735 Neil Ave.	(Street Name)
	Cols., OH 43210	(Town/City )
Buildi	ng: N/A	···
Floor/Roo	om: 181	
Contact Pers	on:	

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

٠: در

1 REGISTRATION NO. 31-R-0017

FORM APPROVED OMB NO 0579-0036

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Cr

31-R-0017, Cust ld 223

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

CLEVELAND CLINIC FOUNDATION

9500 EUCLID AVE CLEVELAND, OH 44195

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, tea sheets if necessary.)

additional

#### **FACILITY LOCATIONS (Sites)**

FF Ruilding 6th floor L Building 1st. floor

NC Building

Off Site Facility(Hiram, OH)

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F.  TOTAL NO OF ANIMALS  (COIS. C + D + E)
4. Dogs	8	0	369	o.	369
3. Cats	3	0	8	0	8.
6. Guinea Pigs	0	0	0	0	
7. Hamsters	0	00	· O	0	· · ·
8. Rabbits	0	11	<b>22</b> 3	0	234
9. Non-human Primates	0	00	0	0	0
10. Sheep	3	0	19	0	19
11. Pigs	11	0	472	0	472
12. Other Farm Animals					
Calves	0	0	40	0	40
13. Other Animals					
Goats	0	0	0	0	0

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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## CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)

DATE SIGNED

APHIS FORM 7023

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See Attached

1. REGISTRATION NO.

ECRM ADDROVED OMB NO 0579-0036

31-R-0018 2. HEADQUARTERS DESEARCH FACILITY (Name and Address as registered with USDA

include Zip 31-R-0018. Cust ld 211

DAYTON, OH 45414

ANNUAL REPORT OF RESEARCH FACILITY	
(TYPE OR PRINT)	IAMS COMPANY, THE
(, , , , , , , , , , , , , , , , , , ,	7250 POE AVENUE

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or new for meast purposes. Such additional

FACILITY LOCATIONS (Sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) E. Number of animals upon which teaching, B. Number of C Number of Number of animals upon experiments, research, surgery or lests were animals being animals upon which experiments. conducted involving accompanying pain or distress bred, Animals Covered which teaching, teaching, research, to the animals and for which the use of appropriate By The Animal conditioned or research, TOTAL NO. surgery, or tests were anesthetic, analgesic, or tranquilizing drugs would held for use in Welfare Regulations experiments, or OF ANIMALS conducted involving teaching, testing, have adversely affected the procedures, results, or tests were accompanying pain or interpretation of the teaching, research, experiments. conducted distress to the animals (Cols. C + D + E) experiments, surgery, or tests. (An explanation of research, or involving no and for which appropriate surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs 22 113 27 0 140 Dogs 9 207 28 0 235 Cats Guinea Pigs Hamsters Rabbits Non-human Primates 10. Sheep

#### ASSURANCE STATEMENTS

12. Other Farm Animals

13. Other Animals

11. Pigs

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CEF	RTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL.
((	Chief Executive Officer or Legally Responsible Institutional Official)
	Licertify that the above is true correct, and complete (7.11.5.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)

DATE SIGNED

11/3/00

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

#### All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

#### FACILITY SITES LISTING

Licensee/Registrant Name:	Paul F. Iams Technical Center
License/Registration Number:	31-R-018
Be sure to include all request the line does not apply, pleas	nat house animals under the above registration number. ted information. Do not leave any spaces blank. If se mark it N/A. If you have more than three (3) sites, times as needed before filling in the sites.
Site No.: Name/Department	: Animal Care Center
Address	Paul F. Iams Technical Center 6571 State Route 503 North PO Box 189 Lewisburg, OH 45338-0189
Building	
Floor/Room:	•
Contact Person	
Site No.: Name/Department:	
Building	
Floor/Room:	
Contact Person:	Phone No.:
Site No.: Name/Department:	
Address:	
Building:	
	Phone No.:

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO

FORM APPROVED
OMB NO 0579-0036

with USDA

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

sheets if necessary.)

2. HEADQUAF include Zip 31-R-0023, Cust ld 230

GOOD SAMARITAN HOSPITAL
DEPT. OF MEDICAL RESEARCH
375 DIXMYTH AVENUE

375 DIXMYTH AVENUE
CINCINNATI, OH 45220
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

Animal Research Laboratory REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adulitional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching, B Number of C Number of D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress to the animals and for which the use of appropriate **Animals Covered** bred, which teaching, teaching, research, By The Animal conditioned, or research, TOTAL NO surgery, or lests were anesthetic, analgesic, or tranquilizing drugs would held for use in Welfare Regulations experiments of OF ANIMALS conducted involving have adversely affected the procedures, results, or interpretation of the teaching, research, teaching, testing, tests were accompanying pain or experiments. conducted distress to the animals experiments, surgery, or tests. (An explanation of (Cols. C + D + E) research, or involvina na and for which appropriate surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs used 4. Dogs Cats Guinea Pigs Hamsters Rabbits Non-human Primates 10. Sheep 13 13 . 11 Pigs 12. Other Farm Animals Goats 4 13. Other Animals ASSURANCE STATEMENTS

**FACILITY LOCATIONS (Sites)** 

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is true, correct, and complete (7 USC Section 2143)	
SIGP	DATE SIGNED
	10/23/00

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUA 31-R-0026. Cust ld 232 include Zig

> **BOWLING GREEN STATE UNIVERSITY** 120 MCFALL CENTER BOWLING GREEN, OH 43403

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

**FACILITY LOCATIONS (Sites)** 

Bowling Green State University Life Science Annex

B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
0	0	0	0	0
00	0	0	0	0
0	0	0	0	0
0	0	0	0	0
8	8	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	. 0
0	0	0	0	0
	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals being bried, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.  O  O  O  O  O  O  O  O  O  O  O  O  O	animals being bred, conditioned, or held for use in teaching, testing, experiments, or tests were conducted involving no pain, distress, or use of pain-purposes.  O O O O O O O O O O O O O O O O O O O	animals being bred, conditioned, or held for use in leaching, lesting, experiments, or teaching, lesting, or the leaching, research, experiments, surgery, or tests were conducted involving accordiucted involving accordiusted in the procedure special to the teaching,

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CER	TCATION BY HEADQUARTES RESEARCH FACILI	TY OFFICIAL
(C	f Executive Officer or Legally Responsible Institution	ral Official)

s

DATE SIGNED

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED

OMB NO 0579-0036

with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

sheets if necessary)

2. HEADQUARTERS STATE ST include Zip 31-R-0027, Cust ld 233

UNIVERSITY OF CINCINNATI RESEARCH & ADVANCED STUDIES P.O. BOX 210627

CINCINNATI, OH 45221 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

Medical Sciences Building, French Building,

Institute for Environmental Health,

Cardiovascular Center, West Campus Facilities

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
I. Dogs	0	13	39	0	52
5. Cats	0	1	44:	0	45
6. Guinea Pigs	0	38	41	0	79
7. Hamsters	0	367	737	. 0	1104
8. Rabbits	0	. 25	183	0	208
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	29	0	29
11. Pigs	0	17	147	0	1164
12. Other Farm Animals	0	0	2 calves	0	2
13. Other Animals	0	154 gerbi	ls 32 gerbils	0	186 ger

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
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CERTIF	IC/	ATI(	ON B	YH	EAD	$\mathbf{QUA}$	RTES	RE	SEAR	CH	FAC	HLITY	OFFIC	CIAL
(Chie	f E	kecu	tive	Offi	cero	r Leg	ally R	lesp	onsibl	e In	stitu	tional (	Officia	l)

Ecertify that the above is true, correct, and complete (7 U.S.C. Section 2143).

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/27/00

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

007 1-6 2000 -

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

th USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEA YOUARTE

include Zip Co 31-R-0028, Cust Id 234

CASE WESTERN RESERVE UNIVERSITY 10900 EUCLID AVE CLEVELAND, OH 44106

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Siles)

Case Western Reserve Univesity School of Medicine ARC

MetroHealth Medical Center

A Animals Covered By The Animal Welfare Regulations  B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.		C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)	
4. Dogs	24	12	108	0	120	
5. Cats	1	5	80	0	85	
6. Guinea Pigs	59	633	65	0	698	
7. Hamsters	0	42	0	0	42	
8. Rabbits	51	228	274	0	502	
9. Non-human Primates	0	0	0.	0		
10. Sheep	2	2	0	0	2	
11. Pigs	29	15	255	0	270	
12. Other Farm Animals						
Goats  13. Other Animals	0	0	-20	0	20	
Ferret	s 8	0	49		49	
Gerbil	s 30	358	50		408	

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation-were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	١I.
(Chief Executive Officer or Legally Responsible Institutional Official)	
Lange the state of the advance in terms of the state of t	

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of Print)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

APHIS FORM 7023

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

I with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) include Zij 31-R-0029, Cust ld 235

(b)(6) (b)(7)(C) MIAMI UNIVERSITY

OAST

2. HEADQUARTERS BECEAROUS

BONHAM HOUSE

OXFORD, OH 45056

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, testing, testing, or experimentation, or held for these purposes. Attach additional sheets il necessary.)

FACILITY LOCATIONS (Sites)

Pearson Hall

Boyd Hall

Benton Hall

Ecology Research Center

REPORT OF ANIMALS USED BY	OR LINDER CONTROL OF	RESEARCH FACILITY	(Attach adutitional sheets if ne	ecessary or use APHIS FORM 7023A)	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress or use of pain-relieving drugs	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	14		31		31
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Prairie Voles 13. Other Animals	176	352			352
House Mice	412	1,240			1,240
Meadow Voles	80	130			130
Pine Voles	190	320			320
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CE	RTIFICATION I	BY HEADQ	QUARTES	RESEARCH	FACILITY	OFFICIAL
	(Chief Executive					
			-			

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11 15 00

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Interagency Report Control No-0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

NOV -

FORM APPROVED OMB NO: 0579-0036

2. HEADQUARTERS DESEARCH FACILITY (Name and Address as registered with USDA include Zip Code 31-R-0030, Cust Id 224

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Cunningham Hall

KENT STATE UNIVERSITY
DIVISION OF RESEARCH & GRAD.

KENT, OH 44242

**FACILITY LOCATIONS (Siles)** 

Kent Hall REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Atlach adultitional sheets if necessary or use APHIS FORM 7023A.) Number of Number of animals upon which teaching, C Number of D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress **Animals Covered** bred. which teaching, teaching, research, surgery, or tests were conditioned, or to the animals and for which the use of appropriate TOTAL NO By The Animal research. held for use in anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS experiments, or Welfare Regulations conducted involving have adversely affected the procedures, results, or teaching, testing tests were accompanying pain or interpretation of the teaching, research, experiments, conducted distress to the animals (Cals. C + D + E) experiments surgery or tests. (An explanation of research or involving no and for which appropriate the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs 4. Dogs Cats 4 Guinea Pigs Hamsters Rabbits 90 11 101 Non-human Primates 10. Sheep \_ 11. Pigs 12. Other Farm Animals 13. Other Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)    Certify that the above is true, correct, and complete (7 USC Section 2143)	· · · · · · · · · · · · · · · · · · ·	
I	s	rint)	DATE SIGNED
1			10/24/02

**ASSURANCE STATEMENTS** 

Interagency Report Control No 0180-DOA-AN / 1.4

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 31-R-0032 FORM APPROVED OMB NO 0579-0036

I with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUA include Zij 31-R-0032, Cust ld 30

> HIPPLE CANCER RESEARCH CENTER, INC. 4100 S. KETTERING BLVD DAYTON, OH 45439

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

Hippie Concer Research Center 4100 S. Keltering Blvd. Dayton, OH 45439

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Wettare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (COIS. C + D + E)
4. Dogs	NIA				
5. Cats	N/A				
6. Guinea Pigs	N/A				
7. Hamsters	N/A				
8. Rabbits	NA				
9. Non-human Primates	N/A				
10. Sheep	A/A				
11. Pigs	N/A				
12. Other Farm Animals	N/A				
	1				
13. Other Animals	NIA				
	/ - /				

#### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA
(Chief Executive Officer or Legally Responsible Institutional Official)
I certify that the above is true correct, and complete (7.11.5.C. Section 21.43)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11-15-6

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 31-R-0033

2. HEADQUAR

237

FORM APPROVED OMB NO 0579-0036

ith USDA

### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Summa Health System Hospitals Akron City Hospital Campus Research Administration 5 525 E. Market St. Akron, OH 44309

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

See Attached:

PORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach aductional sheets if necessary or use APHIS FORM 7023A)

B. Number of D. Number of D. Number of animals upon which teaching, experiments, research, surgery or tests were.

Animals Covered By The Animal Wellare Regulations	B Number of animals being bred, conditioned, or held for use in leaching, festing, experiments, research, or surgery but not yet used for such purposes	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs	D. Number of animals upon which experiments, leaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
Dogs	0	0	68	0	68
Cats	0	0	0	0	0
Guinea Pigs	0	0	0	0	0
Hamsters	0	0	0	0	0
Rabbits	0	0	2	0	2
Non-human Primates	0	0	0	0	0
0. Sheep	0	0	0	0	0
1. Pigs	0	0	31	0	31
2. Other Farm Animals	0	0	0	0	0
	0	0	0	0	0
3 Other Animals	0	0	0	0	0
Rats	0	0	6	0	6
Mice	0	30	0	0	30

1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFIC	MAL
(Chief Executive Officer or Legally Responsible Institutional Officia	D

Freithy that the above is true correct, and complete (7.0.5 C. Section 2143)

DATE SIGNED

#### PACILITY SITES LISTING

Licensee/Registrant Name: _	Summa Health System Hospitals Akron City Hospital Campus/Surgical Research Facility
License/Registration Number:	31-R-0033
sure to include all requested	at house regulated animals under the above number. Be information. If the line does not apply, please mark three (3) sites copy this form as many times as needed
Site No.: 1 Name/Departmen	t: Akron City Hospital Campus/Surgical Research Facility
Addres	B: 525 East market street
	Akron, OH 44304
Buildin	g: Administration Building
Floor/Roo	m: 5th floor
Contact Perso	n:
Site No.: 2 Name/Departmen	t: North Eastern Ohio Universities College of Medicine
Addres	B: 4209 State Route 44
	Rootstown, OH 44272
Buildin	g: Department of Comparative Medicine
Floor/Roo	m:
Contact Perso	n:
Site No.: Name/Departmen	t:
Addres	ß:
Buildin	g:
	m:
	n: Phone No.:

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUAR include Zip 31-R-0034, Cust Id 238

with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

ETHICON ENDO-SURGERY, INC. SURGICAL RESEARCH/DEVELOPMENT 4545 CREEK ROAD

CINCINNATI, OH 45242

10V 16 2000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

# FACILITY LOCATIONS (Siles) See attached

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F.  TOTAL NO OF ANIMAL:  (Cols. C + D + E)
4 Dogs			33		
5 Cats					
6. Guinea Pigs					
7. Hamsters					
8 Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs		•	1325		
12 Other Farm Animals					
Goats			174		
13 Other Animals					

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNA		DATE SIGNED

Site: Status:

1 Active Ethicon Endo-Surgery, Inc.

4545 Creek Road Cincinnati, OH 45242 County: Hamilton Contact Person:

Site: Status: 2 Active Snowhill Farm

3051 Snowhill Road W. Harrison, IN 47060 County: Dearborn Contact Person:

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NO.	FORM APPROVED OMB NO 0579-0036
Shriners Hospital for ChildrenSEP 2 6 2 ANI 3229 Burnet Ave Y Cincinnati, OH 45229-3095	2. HEADQUARTE OUTCLUDE 239 31-R-0038. Clist ld 239	'h USDA. DREN

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

**FACILITY LOCATIONS (Sites)** 

#### **Research Support Division**

5<sup>th</sup> Floor, 3229 Burnet Avenue

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs		!			
5. Cats					
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)		
SIGI		0	DATE SIGNED
2			9/20/00

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 31-R-040

FORM APPROVED OMB NO 0579-0036

0379-0030

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (A)2include Zir 31-R-0040, Cust Id 8740 1 with USDA,

OHIO NORTHERN UNIVERSITY 525 SOUTH MAIN STREET ADA, OH 45810

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, t sheets it necessary.)

purposes. Attach additional

#### **FACILITY LOCATIONS (Sites)**

#### 1. Raabe College of Pharmacy

#### 3. Dept. of Psychology

#### 2. Dept. of Biological Sciences

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					·
13. Other Animals					
				No covered animals are	
				being used at this time.	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive	BY HEADQUARTES RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official) he above is true, correct, and complete (7 U.S.C. Section 2143)	NI.
SIGNATU		DATE SIGNED
		9-22-2000

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILIT (TYPE OR PRINT)

1. REGISTRATION NO.

31-R-0043

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address as registered with USDA include Zi<sub>l</sub> 31-R-0043, Cust ld 240

#### (b)(6), (b)(7)(C)

R\_101XBOXX180008X

Health Education Building TOLEDO, OHMSM9 3055 Arlington Ave. 43614-5806

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, i sheets if necessary)

**FACILITY LOCATIONS (Sites)** 

Health Education/Block Health Science Buildings

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMAL:  (Cols. C + D + E)
4. Dogs	0	0	8	.0	8
5. Cats	0	0	3	0	3
6. Guinea Pigs	0	0	0	0	(
7. Hamsters	0	20	49	0	69
3. Rabbits	0	3_	2	0	
9. Non-human Primates	0	0	2	0	
10. Sheep	0	0	0	0	
11. Pigs		0	27	0	2
12. Other Farm Animals	0	0	0	0.	(
13. Other Animals	0	0	0	0	

#### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Logistify that the above is true correct, and computer (7.11.0.0.00) and (2.11.0.0.00)

DATE SIGNED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NO. 31-12-0049	FORM APPROVED OMB NO 0579-0036
SEP 2 CELLIN	include Zip ( 31-R-0049, Cust ld 241	ddraee ae raaistarad with US
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	OHIO WESLEYAN UNIVERSITY 61 S. SANDUSKY STREET	
The state of the s	DELAWARE, OH 43015	

**FACILITY LOCATIONS (Sites)** 

PHILLIPS HALL REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adultional sheets if necessary or use APHIS FORM 7023A.) B. Number of C Number of D. Number of animals upon F. animals upon animals being experiments, research, surgery or tests were which experiments, conducted involving accompanying pain or distress **Animals Covered** bred. which leaching, teaching, research, By The Animal conditioned, or to the animals and for which the use of appropriate research, TOTAL NO. surgery, or lests were Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS conducted involving teaching, testing, have adversely affected the procedures, results, or tests were accompanying pain or experiments, interpretation of the teaching, research, conducted distress to the animals experiments, surgery, or tests. (An explanation of (Cols. C + D + E) involving no research, or and for which appropriate surgery but not the procedures producing pain or distress in these pain, distress, or anesthetic, analgesic, or vet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes. relieving drugs must be attached to this report). used. Dogs Cats Guinea Pigs Hamsters Rabbits Non-human Primates

#### ASSURANCE STATEMENTS

12. Other Farm Animals

13. Other Animals

10. Sheep11. Pigs

sheets if necessary)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

 DATE SIGNED
9-18-00

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

31-K-0053

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

HIRAM COLLEGE

(b)(6), (b)(7)c

HINSDALE HALL P.O. BOX 1838

HIRAM, OH 44234

sheets if necessary)

unional

	FACIL	ITY L	OCATION:	S (Sites)
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Psychology Department - Bates Hall

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bried, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F.  TOTAL NO.  OF ANIMALS  (Cols. C +  D + E)
4. Dogs	0	0	0	0	O
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	O	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates		7	0	0	7
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	O	0
12. Other Farm Animals	0	ی	0	O	0
13. Other Animals	0	O	O	O	0

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
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- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	 ·
SIGN.		DATE SIGNED
		1923/00

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

uti 12

1. REGISTRATION NO. 31 - 12 - 54

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) 2. HEADQUARTED DESCRIPCH FACILITY (Name and Address, as registered with USDA include Zip 31-R-0054, Cust Id 242

COLLEGE OF WOOSTER, THE 931 COLLEGE STREET WOOSTER, OH 44691

h additional

FACILITY LOCATIONS (Siles)

KAUKE HALL Room 42 (primate colony room)

KAUKE HALL Room 29 (experimental testing room)

OR UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessury or use APHIS FORM 7023A.) "	
B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO.  OF ANIMALS  (Cols. C +  D + E)
0	7	0	0	7
	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, or surgery but not yet used for such purposes.  C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.  C. Number of animals upon which experiments, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.  D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.  In the purposes of the purposes of the purposes of the purposes of the purpose of the pur

#### 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	LI.
(Chief Executive Officer or Legally Responsible Institutional Official)	
to the strategic of the control of t	

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

٠,

See reverse side for additional information

0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 31-R-54

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTING BECEADON FACILITY (Name and Address, as registered with USDA, include Zip 31-R-0054, Cust Id 242

> COLLEGE OF WOOSTER, THE 931 COLLEGE STREET WOOSTER, OH 44691

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, ....... sheets if necessary.)

th additional

**FACILITY LOCATIONS (Sites)** 

MATEER HALL, Room 203

BIOLOGY DEPARTMENT

	- Au				
REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	RESEARCH FACILITY	f (Attach adiditional sheets if ne	ecessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats			;		
6. Guinea Pigs			****		
7. Hamsters					
8. Rabbits			1		1
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approviate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of ammal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

**PHIS FORM 7023** (AUG 91)

CICNATURE OF CEO OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMA. AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 31R-055

FORM APPROVED OMB NO 0579-0036

2. HEADOUARTEPS BESSAROU FACILITY INClude Zip C 31-R-0055, Cust Id 243

DAYTON, OH 45435

Th USDA,

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

WRIGHT STATE UNIVERSITY LABORATORY ANIMAL RESOURCES 106 OELMAN HALL

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

See Attachment

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMAL:  (Cols. C + D + E)
4. Dogs	0	0	18	0	18
5. Cats	0	0	8	0	8
6. Guinea Pigs	0	284	315	0	599
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	133	0	133
9. Non-human Primates	0	0	2	0	2
10. Sheep	0	2	0	0	2
11. Pigs	0	0	7	0	7
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Lesser Shrews	0	0	15	0	15

#### SOURTION OF A LINE HAND

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Lectify that the above is true, correct, and complete (7 U.S.C. Section 2143).

DATE SIGNED

#### FACILITY SITES LISTING

Licensee/Registrant Name: Wright State University					
License/Registration Number: 31-1	R-055				
sure to include all requested in	house regulated animals under the above number. Be formation. If the line does not apply, please mark tree (3) sites copy this form as many times as needed				
	Laboratory Animal Resources - Dayton Veterans Affairs Facility 4100 West Third Street				
<b></b>	Dayton, OH 45428				
-	Veterans Administration Hospital  Building # 315 - Research Services				
Contact Person:					
Address:	Laboratory Animal Resources - Fawcett Hall Animal Facility Fifth Floor, Fawcett Hall				
Building:	Fawcett Hall				
Floor/Room:	514A & 514B Fawcett Hall				
Contact Person:					
	Laboratory Animal Resources - Receiving and Conditioning Building Receiving and Conditioning Building - W.S.U.				
	Dayton, OH 45435				
Building: Floor/Room:	Receiving and Conditioning				
Contact Person:					

#### FACILITY SITES LISTING

Licensee/Registrant Name: Wri	ight State University
License/Registration Number: 31-	-R-055
sure to include all requested in	house regulated animals under the above number. Be formation. If the line does not apply, please mark aree (3) sites copy this form as many times as needed
	Laboratory Animal Resources - Cox Research Institute Animal Facility 3525 Southern Boulevard
Ruilding:	Dayton, OH 45429  Cox Heart Institute
Floor/Room:	COX REALT THIS IT THE
Contact Person:	
,	Laboratory Animal Resources - Health Sciences Facility
Address:	053 Health Sciences
Building:	Dayton, OH 45435  Biological Sciences/Health Sciences
Floor/Room:	053 Health Sciences
Contact Person:	
Site No.: Name/Department:	
Address:	
Building:	
Floor/Room:	
Contact Person:	Phone No.:

. .

This report is required by law (7 USC 2143). Failure to report according to the regulations can neutlin an inder to change and desist and to be subject to panelties as provided for in Section 2160

See reverse side for additional information Interagency Hapout Control
0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO.

FORM APPROVED OMB NO 0578-0038

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Include Zip C 31-R-0068, Cust Id 244

CLEVELAND STATE UNIVERSITY RESEARCH & ECONOMIC DEVELOPMNT 1983 EAST 24TH STREET CLEVELAND, OH 44115

3. REPORTING PACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if neterrary)

FACILITY LOCATIONS (Silen)

ANIMAL CARE FACILITY/DEPT. OF BGES SCIENCE RESEARCH CENTER 4 TH FLOOR DEPT. OF PSYCHOLOGY SCIENCE RESEARCH CENTER

ST FLOOR RM163

Anmuls Covered By The Animal Waltere Regulations	8 Number of annihilate being Ured. conditioned, or hald for use in feaching, fauting, experience, or surgery but not yol used for such purposes.	C Number of animals upon which foaching, rasearch, experiments or tests were conducted involving no pain, distress, or use of pain-refleving drugs.	Distribution of animals upon which expertments, teaching, research, surgery, or table when conducted involving accompanying pain or distribute to the animals and for which appropriate anisthetic, analiganic or transpilluring drugs were used.	E. Number of animals upon which leaching, experiments research surgery or tests were conducted involving accompanying pain or distress to the aminots and far which the use of appropriate anosthetic, analgosic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching research, experiments, surgery, or tests (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS (Cols C + D + E)
4. Dogs					
5. Cais					
6. Guinoa Pigs					
7. Hamstors					
8. Rabbits	0	2			2
9. Non-human Primatos					
10. Sheop					
11. Pius					
12. Other Farm Animals					
13. Other Animals					
GERBILS	10	6			6
CHINCHILLAS	3	19			19

- 1) Proluminally acceptable standards governing this care, treatment, and use of animals including approriate use of animals analysis, and tranquilizing drugs, prior to, during, and following actual research: teaching, tasting, singary, or exportmentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to poleful procedures
- 3). This leadity is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Annual Care and Use Committee (IACUC). A summary of all such exceptions is attached to this entural report. In addition to identifying the IACUC approved exceptions, the amounts of minimize includes a brief explanation of the exceptions, as well as the species and number of minimize includes
- 4) The attending visionization for this research facility has appropriate authority to ensure the provision of adequate vetermory care and to oversee the adequacy of other aspects of ammal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Fourtdy that the above is team correct, and complete (7.0.5.0. Section 2143)

DATE SIGNED

APHIS FORM 7023

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OF SO BE VS FORW 18-23 THEY HAS WILL A SECURE.

(AUG 91)

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 31-R-0059

FORM APPROVED OMB NO. 0579-003

NOV 15 2000

#### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

Milacron, Inc. 3000 Disney Street Cincinnati, Ohio 45209 Status: Active

Animals Covered By The Animal Wellare Regulations Wellare Regulations Wellare Regulations Wellare Regulations Wellare Regulations and the conditioned, or held for use in teaching, testarch, or surgery but not yet used for such purposes.  4. Dogs  5. Cats  6. Guinea Pigs  10  228  129  -0-  357  Hamsters  8. Rabbits  9. Non-human Primates  10. Sheep  11. Pigs  12. Other Farm Animals	3. REPORTING FACILITY (List all I sheets if necessary)	ocations where animals	were housed or used	in actual research, testing, tead	ching, or held for these purposes. Atta	ich additional
3000 Disney Street, Cincinnati, 0H 45209  REPORT OF ANIMALS USED BY ON UNDER CONTROL OF RESEARCH FACULTY (Mach adultional sheets if necessary or use APHS FORM 7023A).*  A. A animals Covered By The Animal Wellare Regulations of the second conditioned, or held for use in eaching, testing, research, or surgery but not yet used for such purposes.  4. Dogs  5. Cats  6. Guinnea Pigs  10 228 129 ——0— 3577  7. Hamsters  8. Rabbits  9. Non-human Primates  10. Sheep  11. Pigs  12. Other Farm Animals  ASSURANCE STATEMENTS			FAC	CILITY LOCATIONS (Siles)		
A Animals Overed By The Animal William Regulations of States of St	Milacron, Incorpor	rated, Cimco	ol Laborator	ry		
A Animals Covered By The Animal Covered By The Animal Support of the State State Conditioned, or held for use in leaching, testing, experiments, or leaching, testing, experiments and the whole the super point or surgery but not yet used for such purposes.  4. Dogs  5. Cats  6. Guinea Pigs  10  228  129  10 Wurther of animals upon which teaching, experiments, under the support of tests were conducted involving accompanying pain or distress or use of painteleving drugs. To the animals and for which appears, or irranquilizing drugs were found to the work appears of the surgery but not yet used for such purposes.  4. Dogs  5. Cats  6. Guinea Pigs  10  228  129  129  129  10 Wurther of animals upon which teaching, experiments, research, expert or tests were conducted involving accompanying pain or distress to the animals and for which appears, or irranquilizing drugs work and for which appears, or irranquilizing drugs work and for which appears, or irranquilizing drugs work and for which appears, or irranquilizing drugs were not used the procedure, results, or speriments, using experiments, suggery, or tests. Where appears are the support, or itsets. Where appears are the support or itsets were conducted involving accompanying pain or distress to the animals and for which appears, or its animals and for which appears, or itsets were conducted involving accompanying pain or distress to the animals and for which appears, or its animals and for which appears, or its animals and for which appears, or its animals and for which appears are the support or tests were conducted involving animals and for which appears are the support or tests were conducted involving animals and for which appears are the support or tests were conducted involving animals and for which appears are the support or tests were conducted involving animals and for which appears are the support or tests were conducted involving animals and for which appears are the support or tests were conducted involving animals and for which appears are the support	<del>.</del>					
Animals Covered By The Animals Welfare Regulations with Eaching responsible to the Eaching responsible	REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	ecessary or use APHIS FORM 7023A) '	
5. Cats 6. Guinea Pigs 10 228 129 -0- 357 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals	By The Animal	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	TOTAL NO.  OF ANIMALS  (Cols. C +
6. Guinea Pigs 10 228 129 -0- 357 7. Hamsters	4. Dogs					
7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals	5. Cats					
8. Rabbits 9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals	6. Guinea Pigs	10	228	129	-0-	357
9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals  ASSURANCE STATEMENTS	7. Hamsters					
10. Sheep  11. Pigs  12. Other Farm Animals  13. Other Animals  ASSURANCE STATEMENTS	8. Rabbits					
11. Pigs  12. Other Farm Animals  13. Other Animals  ASSURANCE STATEMENTS	9. Non-human Primates					
11. Pigs  12. Other Farm Animals  13. Other Animals  ASSURANCE STATEMENTS	10. Sheep					
13. Other Animals  ASSURANCE STATEMENTS	11. Pigs					
ASSURANCE STATEMENTS	12. Other Farm Animals					
	13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending reterminant for this research facility has appropriate authority to ensure the provision of adequate reterminary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)    Certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SI		DATE SIGNED

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

NOV

31-R-0061

FORM APPROVED OMB NO 0579-0036

red with USDA,

### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQL' include: 31-R-0061, Cust ld 525

1. REGISTRATION NO.

ST. VINCENT MERCY MEDICAL CENTER 2213 CHERRY STREET **TOLEDO, OH 43608** 

Sept. 30

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

**FACILITY LOCATIONS (Sites)** 

Douglass Research Facility

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, "surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO.  OF ANIMALS  (Cols. C +  D + E)
4. Dogs			17		17
5. Cats			5		5
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs			48		48
12. Other Farm Animals					
13. Other Animals					
					1

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered afternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional Official)
	Lectify that the above is true correct, and complete (7.11.5.C. Section 2143)
_	

DATE SIGNED

SI

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED

OMB NO 0579-0036

7 USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

10-1-99

sheets if necessary)

- 9-30-00

2. HEADQUARTE 31-R-0063, Cust Id 246 include Zip Co

> MERIDIA HURON HOSPITAL 13951 TERRACE ROAD EAST CLEVELAND, OH 44112

**FACILITY LOCATIONS (Sites)** 

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

13951 FERNACE

EASS C/EVE/ADD 04. 44112

B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.  C Number of animals upon which teaching, research, surgery, or tests were conducted involving no use of pain, distress, or use of pain-relieving drugs.  C Number of animals upon which teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs were used.  E Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.  E Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which teac		TOTAL NO. OF ANIMALS  (Cols. C + D + E)		
	P	5	Ð	5
4		Ø		0
		(		
1	#	4	4	4
	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	bred, conditioned, or held for use in teaching, testing, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	bred, conditioned, or held for use in teaching, testing, experiments, or experiments, or surgery but not yet used for such purposes.  Which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.  Which teaching, research, surgery, or tests were conducted involving an or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	bired, conditioned, or held for use in teaching, research, experiments, research, or surgery but not yet used for such purposes.  Which teaching, research, surgery, or tests were conducted involving accompanying pain or distress or use of pain-relieving drugs.  Which teaching, research, surgery, or tests were conducted involving accompanying pain or distress or the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.  The procedure producing pain or distress the search, experiments, surgery, or tests. (An explanation of the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress the search, or surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedure procedures proce

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL	ΑI
(Chief Executive Officer or Legally Responsible Institutional Official)	

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SI

See reverse side for additional information. interagency Report Control No. 0180-00A-AN

FORM APPROVED

OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

(TYPE OR PRINT)

DOT 2 4 2000

ANNUAL REPORT OF RESEARCH FACILITY

1. REGISTRATION NO.

31-R-0066

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Cod 31-R-0066, Cust ld 236

> YOUNGSTOWN STATE UNIVERSITY ONE UNIVERSITY PLAZA YOUNGSTOWN, OH 44555

				with lecting lead	• • b		Idulandi
sheets if necessary.)	l locations where animals	were noused or used	in actual lesi	sarch, lesting, lead	,IIIy	, or onportionations of the control	ddilionai
		FA	CILITY I.OCA	TIONS (Siles)			
Cushwa Hall				DeBartolo	Hal	1.	
Ward Beecher Science REPORT OF ANIMALS USED BY		- DECEMBOU EACH ID	( ( ( ) ) )	tike val aboots al no		TOTAL ARMIS FORM 70224)	
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-refleving drugs.	D. Number which e teaching surgery, conduct accomp dictress and for anesthe	of animals upon xperiments, g, research, or tests were ed involving anying pain or to the animals which appropriate tic, anialgesic, or zing drugs were	E.	Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs		NO COVERED	SPECIES		ļ		
5. Cats					<u> </u>		
6. Guinea Pigs							
7. Hamsters					_		
8. Rabbits							
9. Non-human Primates							
10. Sheep					<u> </u>		
11. Pigs					_		
12. Other Farm Animals				<u> </u>			
13. Other Animals							
		· · · · · · · · · · · · · · · · · · ·			_		
					<u> </u>		· · · · · ·
ACCUDANCE CTATEMENTS							
ASSURANCE STATEMENTS	landards governing the	ture treatment and in	se of ammais	including approxi	alen	ise of anesthetic, analgesic, and tranquilizing drugs, pri	or to, during.
and following actual resear	ch, leaching, testing, sur	gery, or experimentati	on wer- follo	wed by this resear	ch ta	critty.	3

- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a smell explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SI		DATE SIGNED
		10/17/00

APHIS FORM 7023 - AUG 911

Replaces VS FORM (2-23 (OCT 88), which is obsolute)

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

'UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 1 2000

1. REGISTRATION NO.

FORM APPROVED
OMB NO 0579-0036

············ USDA

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUAL 24 D 0067 Control of 249 include Zip

CUYAHOGA COMMUNITY COLLEGE 11000 PLEASANT VALLEY ROAD PARMA, OH 44130

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes	Attach additional
sheets if necessary )	

**FACILITY LOCATIONS (Sites)** 

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adiditional sheets if necessary or use APHIS FORM 7023A.) E. Number of animals upon which teaching, Number of C Number of D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress bred. **Animals Covered** which teaching, teaching, research, to the animals and for which the use of appropriate conditioned, or TOTAL NO. research, By The Animal surgery, or tests were anesthetic, analgesic, or tranquilizing drugs would held for use in experiments, or OF ANIMALS Welfare Regulations conducted involving have adversely affected the procedures, results, or interpretation of the teaching, research, teaching, testing tests were accompanying pain or experiments, conducted distress to the animals experiments, surgery, or tests. (An explanation of (Cols. C + D + E) involving no pain, distress, or research, or and for which appropriate surgery but not the procedures producing pain or distress in these anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were must be attached to this report). purposes relieving drugs. used 1 15 16 4. Dogs 16 16 Cats 2 2 4 Guinea Pigs 2 2 4 Hamsters 1 2 3 Rabbits Non-human Primates Sheep 10. 11. Pigs 12. Other Farm Animals 13. Other Animals Gerbils 7 7

### ASSURANCE STATEMENTS

See attached

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	·	
	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  1 certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNAT		DATE SIGNED
		j

31-R-0067

Site:

001

Status: Active

Veterinary Technology Dept A-Building, A-145 & A-233C 11000 Pleasant Valley Road Parma, OH 44130-5199 County: Cuyahoga

Contact Person: (b)(6), (b)(7)(C)

Set reverse side for additionalinformation Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO .

31-R-0068. Cust Id 249

FORM APAROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

NAMSA, Inc. 2261 Tracy Road Northwood, OH 43619

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

REPORT OF ANIMALS USED BY (	OR UNDER CONTROL O	F RESEARCH FACILIT	Y (Attach additional sheets if neo	cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Anima Welfare Regulations	B.Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress. or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E, Number of animals upon which teaching experiments, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in those animals and the reasons such drugs were not used must be attached to this report)	F.  TOTAL NO OF ANIMALS  (Cots. C + D + E)
4. Dogs	15	0	121	0	121
5. Cats	0	0	0	0	0
6. Guinea Pigs	517	10,695	0	0	10,695
7. Hamsters	0	92	0	0	92
8. Rabbits	109	4,668	984	0	5,652
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11., Pigs	2	0	43	0	43
12. Other Farm Animals	0	0	0	0	0
13 Other Animals	0	0	0	0	0
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarianfor this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).							
S		int)	DATE SIGNED				
			11-30-00				

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH I SPECTION SERVICE

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

31-R-0072, Cust ld 526

ALLERGY LABORATORIES OF OHIO, INC. 623 E. ELEVENTH AVENUE COLUMBUS, OH 43211

ttach additional

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testi sheets if necessary)

FACILITY LOCATIONS (Sites)

Same as above only

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMAL:  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	20	444	Ø	Ø	464
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					1

#### SURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)    Certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
S		Г

DATE SIGNED

10.20.00

See reverse side for additional information

Interagency Report Control No. 0180-DOA-AN

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED
OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include 7):

31-R-0080, Cust ld 250

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

MIAMI VALLEY HOSPITAL
DEPARTMENT OF MED. EDUCATION
ONE WYOMING STREET

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, DAYTON, OH 45409	ach additional
sheets dinecessary.)	
FACILITY LOCATIONS (Sites)	

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adultional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching B. Number of C Number of D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress bred. Animals Covered which teaching teaching, research, conditioned, or to the animals and for which the use of appropriate TOTAL NO. research, By The Animal surgery, or tests were anesthetic, analgesic, or tranquilizing drugs would experiments, or Welfare Regulations held for use in conducted involving OF ANIMALS teaching, testing, have adversely affected the procedures, results, or lesis were accompanying pain or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of experiments, conducted distress to the animals involving no (Cols. C + D + E) research, or and for which appropriate surgery but not the procedures producing pain or distress in these pain, distress, or anesthetic, analgesic, or yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were must be attached to this report) purposes relieving drugs used 0 Dogs O 0 0 0 Cass 0 0 0 Guinea Pigs U 0 0 Hamsters 0 n 0 Rabbits 0 Non-human Primates O O Sheep 0 10. n 0 11. Pics 12. Other Farm Animals U 0 n U Other Animals

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, ani: following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  Legally that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGN		30ct

ASSURANCE STATEMENTS

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 31-R-0082

FORM APPROVED
OMB NO 0579-0036

2. HEADOLIARTERS RESEARCH FACILITY (Name and Address as registered with USDA Included 31-R-0082, Cust Id 251

OHIO UNIVERSITY
DEPT. OF LABORATORY ANIMAL RES
085 GROSVENOR HALL

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, cooling, or experimentation, or need for most purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Animal Research Building

Grosvenor Hall

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedure, producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	6	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	463	0	219	0	219
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Virginia Opossum	0	0	5	0	5
Dwarf Opossum	35	5	17	0	22
Gerbils	62	0	3	0	3

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

C	EKTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	۱Ι.
	(Chief Executive Officer or Legally Responsible Institutional Official)	
	to all at any terms to the first term terms to the first term terms to the first term terms to the first term terms to the first term terms to the first terms to the first term terms t	

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE

See reverse side for additional information Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1 REGISTRATION NO

31-R-0082

FORM APPROVED OMB NO 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Coder OHIO UNIVERSITY

DEPT. OF LABORATORY ANIMAL RESOURCES 085 GROSVENOR HALL

ATHENS, OH 45701-2992

STATUS: ACTIVE

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	Attach adiditional sheets if ne	cessary or use this form )	
A chals Corned B, The Ammal Welfare Regulations  12 & OR 13 Other (Ust by species)	8 Number of animals being bred, conditioned or held for use in feaching festing experiments, research or surgery but not the festing purposes.	C Number of animals upon which feaching, research, experiments, or fests were conducted involving no pain, distress, or use of pain, refleving drugs.	D Number of animals upon which experiments teaching, research surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of unimals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying pain or distress to the unimals and for which the use of appropriate anesthetic analysism or tranquilizing drugs would have udversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS  (Cols. C + D + E)
Bats	19	0	0	0	0
Red Squirrels	0	12	0	0	12
Flying Squirrels	0	13	0	0	13
Chipmunks	0	15	0	0	15
Dormouse	0	2	0	0	2
				·	

#### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approxide use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered atternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the this facility is admiring to the standards and regulations which in as required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

#### CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

ticertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATUR

UNITED STATES DEFARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

OUT 1 1 2000

1 REGISTRATION NO. 31 R0088

includ 31-R-0088 Cust ld 252

2. HEADC

FORM APPROVED OME NO 0579-0036

tered with USDA

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

COLUMBUS STATE COMMUNITY COLLEGE 550 E. SPRING STREET COLUMBUS, OH 43216

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Siles)

Union Hall Room 022

sheets it necessary.)

A.  Ammals Covered By The Ammal Wellare Regulations	B Number of primals being tired, conditioned, or held for use in feaching, testing experiments, research, or surgery but not yet used for such purposes.	C Number of annuals upon which reacting, research, contests were conducted involving no pain, distress, or use of pain-reheving drugs.	D. Number of animals upon which experiments, feaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analogisic, or tranquillaing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explaination of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMAL:  (COIS. C + D + E)
4. Dogs	14		24		24
5. Cats	12		21		21
6. Guinea Pigs	8	8			8
7. Hamsters					
8. Rabbits	7	7			7
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
		.,			ļ
					}

- Frolessionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of ammal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Lecrity that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL Type of Prints

quired by law (7 USC 2143). Failure to report according to the regulations can to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

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1. REGISTRATION NO. 31-R-0092

FORM APPROVED OMB NO 0579-0036 on registered with USDA,

2. HEADQUAP

include Zip 31-R-0092, Cust ld 255

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

NORTHEASTERN OHIO UNIVERSITIES COLLEGE OF M 4209 STATE ROUTE 44

P.O. BOX 95

ROOTSTOWN, OH 44272

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or neid for these purposes. Attach additional sheets if necessary)

100 400

**FACILITY LOCATIONS (Sites)** 

Comparative Medicine Unit

A.	B Number of	C Number of		cessary or use APHIS FORM 7023A) *  E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in leaching, lesting, experiments, research, or surgery but not yet used for such purposes.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs	4	0	57	0	57
5. Cats	2	0	7	0	7
6. Guinea Pigs	0	0	10	0	10
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	21	0	21
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	14	0	14
12. Other Farm Animals	0	0	0	0	0
	0	0	0	0	0
13. Other Animals	0	0	0	0	0
Bats	52	0	41	0	41
Ferrets	0	0	4	0	4
Gerbils	0	0	5	0	5

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending vetermarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

C	ERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional Official)
	Legitive that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

10/24/00

SIGN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

JAN 29 2001

1 REGISTRATION NO.

31-R-0097

FORM APPROVED OMB NO 0579-0036

2. HEADQUACTEDS RESEARCH FACILITY (Name and Address, as registered with USDA. include Z 31-R-0097. Cust ld 256

> MERIDIAN DIAGNOSTICS, INC. 3471 RIVER HILLS DRIVE CINCINNATI, OH 45244

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentally sheets if necessary.)

tach additional

#### FACILITY LOCATIONS (Sites)

SEE ATTACHED

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		+30/28	2		130
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
GOATS		47			47
13. Other Animals					
		_			

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

DATE SIGNED

APHIS FUHM /UZS (AUG 91)

SIGN

(Heplaces VS FORM 18-23 (OCT 88), which is obsolete.)

# All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

FACILITY SITES LISTING

Licensee/Registrant Name: Me	eridian Diagnostics, Inc.
License/Registration Number:3	1-R-0097
sure to include all requested inf	house regulated animals under the above number. Be ormation. If the line does not apply, please mark see (3) sites copy this form as many times as needed
Site No.: 1 Name/Department:	Clerco
Address:	3858 Debby Carol Drive
_	Cincinnati, OH 45245 (County: Hamilton)
Building:	Meridian Building
Floor/Room:	
Contact Person:	
Site No.: 2 Name/Department:	Snowhill Breeding Kennels
Address: _	3051 Snowhill Road
-	West Harrison, IN 47060 (County: Dearborn)
Building: _	
Floor/Room: _	
Contact Person: _	
Site No.: Name/Department: _	
Address: _	
Building: _	
Floor/Room: _	
Contact Person: _	Fnon€ No.:

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED

OMB NO 0579-0036 aintarna with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS DECEMBED EACH ITY MIST include Zip Cod 31-R-0100. Cust ld 247

> CENTER FOR RESEARCH OF ENDANGERED WILD. 3400 VINE STREET CINCINNATI, OH 45220

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or neig for these purposes. Attach additional sheets if necessary)

سعوب والا

FACILITY LOCATIONS (Siles)

Cincinnati Zoo and Botanical Garden CREW Facility

Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, feaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats	26	1.0	53		63
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals				•.	
13. Other Animals					

#### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143).

DATE SIGNED

11/01/00

SIGNA

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED

OMB NO 0579-0036

, ...... Attach additional

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

sheets if necessary)

NOV 17 201 2. HEADQUARTERS RESEARCH FACILITY (Name and Address as registered with USDA 31-R-0102, Cust ld 259

> AKRON GENERAL MEDICAL CENTER 400 WABASH AVENUE **AKRON, OH 44307**

			FAC	CILITY LOCA	TIONS (Sites)			
	4-81-may-							
REPORT	OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adı	litional sheets if ne	cessary or use APHIS FORM	7023A) '	
A.	Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	which e teachin surgery conduc accomp distress and for anesthe	r of animals upon xperiments, g, research, , or tests were ted involving panying pain or s to the animals which appropriate stic, analgesic, or lizing drugs were	to the animals and for anesthetic, analgesic, have adversely affecte interpretation of the te experiments, surgery, the procedures produc	surgery or tests were scompanying pain or distress which the use of appropriate or tranquilizing drugs would dithe procedures, results, or aching, research, or tests. (An explanation of sing pain or distress in these as such drugs were not used	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Do	ogs							
5. Ca	nts							
6. Gu	inea Pigs							
7. Ha	ımsters							
8. Ra	abbits							
9. <b>N</b> c	n-human Primates							
10. SI	neep							
<u>11. Pi</u>	gs							
12. <b>O</b>	ther Farm Animals							
			NO	(CO)	IERED	SPEC	IES	
13. O	ther Animals							
		T		I				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
S		DATE SIGNED
		11/9/02

**ASSURANCE STATEMENTS** 

See attached form for additional information

Interagency Report Spatro No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 31-R-0104

CUSTOMER NUMBER: 260

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

L C A-Vision Inc. Laser Centers Of America 7840 Montgomery Road Cincinnati, OH 45236

DEC 12 2000

Telephone: (513) -792-9292

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

#### FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER O	CONTROL OF RESEAR	CH FACILITY ( Attach additiona	al sheets if necessary or use APHIS Form 7023A \	
A.  Animals Covered  By The Animal  Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs			0		0
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			0		0
9. Non-human Primate					
10. Sheep	r				
11. Pigs			0 .		0
12. Other Farm Animals					
13. Other Animals					

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

Λ	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  / Chief Executive Officer or Legally Responsible Institutional Official \	
SIC		DATE ŞIGNED
•		12/8/0

APHIS FORM 7023 ( AUG 91 ) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.

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See reverse side for additional information.

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Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 31-R-0112

FORM APPROVED OMB NO 0579-0036 -- -- intered with USDA

2. HEAD? inclua

31-R-0112, Cust Id 1803

## (b)(6), (b)(7)(C)

**OBERLIN COLLEGE** 70 N. PROFESSOR ST. OBERLIN, OH 44074

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

#### Sperry Animal Facility, Neuroscience Program, Biology Department **FACILITY LOCATIONS (Sites)**

Sperry Animal Facility, 130 W. Lorain St. Oberlin, OH 44074-1082

Kettering Hall of Science, 130 W. Lorain St.

Oberlin, OH 44074-		PECEADON FACILITY		cessary or use APHIS FORM 7023A)	
A Animals Covered  Animals Covered  By The Animal  Welfare Regulations	B Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	0	4	0	0	4
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
. 11. Pigs					
12. Other Farm Animals	-			•	
13. Other Animals					
Brazilian Gray	15	0	13	0	13
Opossum					
ASSURANCE STATEMENTS	1				l

#### 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

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	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
s		DATE SIGNED
		11/13/10

See attached form for additional information

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 31-R-0114

FORM APPROVED OMB NO. 0579-0036

CUSTOMER NUMBER: 9423

Q Test, Ltd Po Box 12381

Columbus, OH 43212

DEC 18 2000

Telephone: (614) -486-7001

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

Otest LAB Facility

REPORT OF ANIMALS	USE	D BY OR UNDER	CON.	TROL OF RESEAF	₹CH [	FACILITY ( Attach addition	nal	sheets if necessary or use APHIS Form 7023A )	
Animals Covered By The Animal Welfare Regulations	В.	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C.	Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a		E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs									4
5 Cats	<u>.</u>								
6. Guinea Pigs		0		0	<u>.</u>	30		<u> </u>	30
7. Hamsters	1						1		
8. Rabbits							İ		
9. Non-human Primate	1				I				
10. Sheep									
11 Pigs									
12. Other Farm Animals							1		
13. Other Animals	+								
. <u></u>	<u>.</u>						+		· · · · · · · · · · · · · · · · · · ·
ASSURANCE STATEMENT			L		<u>i</u>				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
l-s		DATE SIGNED
		11-3000

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO 31-R-0115

RM APPROVED B NO 0579 0038

gistered with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

BHE ENVIROMENTAL, INC 11733 CHESTERDALE RD CINCINNATI, OH 45246

REPORTING FACILITY (List all location	ns where animals were housed or u	sed in actual research, testir	ng, teaching, or experimenta	ation, or held for these purposes	. Attach additional
sheets it necessary an ima					

2. HI

inc

FACILITY LOCATIONS (Sites)

A.  Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F.  TOTAL NO OF ANIMALS  (Cols. C + O + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals		J			
See attached		,			
Sle attached Sheet					

### **ASSURANCE STATEMENTS**

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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
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NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type of Print)

DATE SIGNED

12/4/00

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL



### 13. Other animals

C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs. (from APHIS form 7023)

Lasiurus borealis; Eastern red bat	72	
Myotis septentrionalis; Northern long-eared bat		
	17	
Nycticeius humeralis; Evening bat	1	
Myotis grisescens; Gray bat	6	
Eptesicus fuscus; Big brown bat	1	
Lasiurus cinerius; Hoary bat	2	
Pipistrellus subflavus; Eastern pipistrelle	32	

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

٠. ٠٠

OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

31-R-0089 Cust ld 253

WIL RESEARCH LABORATORIES, INC. 1407 GEORGE ROAD الهج ASHLAND, OH 44805

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, les. sheets if necessary.)

Attach additional

A LIGHT A POSITION OF STREET	FACILITY	LOCATIONS	(Sries)
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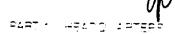
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (COIS. C + D + E)
4. Dogs	60	817	44	NA	861
5. Cats	NA	NA :	NA	NA	NA .
6. Guinea Pigs	120	858	NA	NA	858
7. Hamsters	NA	NA	NA	NA	NA
8. Rabbits	NA	2404	75	23	2502
9. Non-human Primates	NA	NA	82	NA	82
10. Sheep	NA NA	NA	NA	NA	NA
11. Pigs	4	11	6	NA	17
12. Other Farm Animals	NA	NA	NA	NA	NA
13. Other Animals	NA	NA	NA	NA	NA

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	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL. (Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE	UTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
			11/29/00		

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eplaces VS FORM 18-23 (OCT 88), which is obsolute )



#### **USDA ANNUAL REPORT-**

REPORTING PERIOD: OCTOBER 1, 1999 THRU SEPTEMBER 30, 2000

**FACILITY REGISTRATION NUMBER: 31-R-0089** 

#### **CATEGORY "E"- RABBITS**

Twenty-three of 96 rabbits in a dermal irritation study were believed to have experienced pain and/or distress. The purpose of the study was to evaluate the toxic effects of a test material when administered dermally to rabbits three times daily for 28 days. The study was conducted in compliance with the U.S. Food and Drug Administration Good Laboratory Practices (21 CFR Part 58). The rabbits were evaluated daily by animal health technicians and the condition of their skin was graded for the severity of erythema, edema and other findings, such as eschar formation and fissuring, that was present at the application site. Twenty-three of the 96 rabbits had moderate to severe erythema and edema of the skin at the site of test article application, plus combinations of fissuring, desquamation and eschar formation. The clinical veterinarian was closely observing the animals on a regular basis, and did not observe other signs of pain and/or distress, such as depression, inappetence, and vocalization or weight loss. Animal substantially recovered from all aforementioned lesions by the of the study.

### IACUC APPROVED REPORTABLE EXCEPTIONS TO ANIMAL WELFARE ACT-

Twenty male and twenty female beagle dogs were used in a U. S. Food and Drug Administration Good Laboratory Practice Regulations, 21 CFR Part 58-regulated 13 Week Inhalation Toxicity Study (With Recovery). The purpose of the study was to evaluate the possible toxic effects of the test article when administered via nose-only inhalation to dogs for 90 days and to evaluate recovery from any observed effects during and after a one-month period without exposures. The dogs were given regular opportunity for exercise/socialization during the 25-day acclimation/pretreatment period. The exemptions were approved to minimize the excess risk and distress to the animals. The animals were exempted from exercise during the 90 day exposure period due to the nature of the test article, which is known to cause large increases in heart rate and has the potential to cause ventricular arrhythmias. Exercise potentially would have increased the risk of cardiovascular conduction abnormalities in these dogs secondary to cardiovascular stress and as such could have contributed to animal moribundity or mortality. Such loss of animals could have compromised the objective of the study. The animals were given were given daily contact and interaction with the technical staff as well as nearly continuous availability of visual, auditory and olfactory stimuli from the other dogs on this study to reduce the potential for stress.

Three male and three female beagle dogs were used in a 14-Day Continuous Infusion Study. The objective of the study was to evaluate the performance of the CADD-Legacy PLUS infusion pump and the CADD-Lynx Wireless Remote Monitoring System for use on repeated dose intravenous infusion toxicity studies. The animals were given regular opportunity for exercise/socialization prior to the administration of the test article. The animals were exempted from exercise during the fourteen-day treatment period (when the pumps were active). The animals were given daily contact and interaction with the technical staff as well as availability of visual, auditory and olfactory stimuli from the other dogs on this study.

Four male and four female beagle dogs were used in a Telemetry Cardiovascular Assessment Study. The objective of the study was to evaluate the acute cardiovascular

effects of standard agents when administered orally to dogs. Data from the study was also used to validate the DSI telemetry system. The study was conducted in compliance USDA ANNUAL REPORT-

REPORTING PERIOD: OCTOBER 1, 1999 THRU SEPTEMBER 30, 2000

**FACILITY REGISTRATION NUMBER: 31-R-0089** 

## IACUC APPROVED REPORTABLE EXCEPTIONS TO ANIMAL WELFARE ACT (continued)-

with the U.S. FDA Good Laboratory Practice Standards, 21 CFR 58. The animals were given regular opportunity for exercise and socialization prior to the administration of the test article. The animals were exempted from exercise to prevent damage to the implants during the 10-day period for which the implants were active. The animals were given daily contact and interaction with the technical staff as well as nearly continuous availability of visual, auditory and olfactory stimuli from the other dogs on this study.

Sixteen male and sixteen females beagle dogs were used in a U. S. Food and Drug Administration Good Laboratory Practice Regulations, 21 CFR Part 58-regulated 9 Month Inhalation Toxicity Study. The purpose of the study was to evaluate the potential toxic effects of the test article when administered via nose-only inhalation to dogs for nine months. The dogs were given regular opportunity for exercise/socialization during the 28-day acclimation/pretreatment period. The animals were exempted from exercise during the 9-month exposure period due to the nature of the test article, which is known to cause large increases in heart rate and has the potential to cause ventricular arrhythmias. Exercise potentially would have increased the risk of cardiovascular conduction abnormalities in these dogs secondary to cardiovascular stress and as such could have contributed to animal moribundity or mortality. Such loss of animals could have compromised the objective of the study. The animals were given were given daily contact and interaction with the technical staff as well as nearly continuous availability of visual, auditory and olfactory stimuli from the other dogs on this study to reduce the potential for stress.

# ANIMAL WELFARE ACT COMPLIANCE STATEMENT

(This statement is included in all animal study protocols)

This study will comply with all applicable sections of the Final Rules of the Animal Welfare Act regulations (9CFR). The Sponsor should make particular note of the following:

- 1. The Sponsor signature on this protocol documents for the Study Director the Sponsor's assurance that the study described in this protocol does not unnecessarily duplicate previous experiments.
- Whenever possible, procedures used in this study have been designed to avoid or minimize discomfort, distress or pain to animals. All methods are described in this study protocol or in written laboratory Standard Operating Procedures.
- 3. Animals that experience severe or chronic pain or distress that cannot be relieved will be painlessly euthanized as deemed appropriate by the veterinary staff and Study Director. The Sponsor will be advised by the Study Director of all circumstances which could lead to this action in as timely manner as possible.
- 4. Methods of euthanasia used during this study are in conformance with the abovereferenced regulation.

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing,

A STATE OF THE STA

See reverse side for additional information

O180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code) 31-R-0091, Cust ld 254

NOV -7 2000

RICERA, HIC. ILC 7528 AUBURN ROAD

P.O. BOX 1000 PAINESVILLE, OH 44077

sh additional

FACILITY LOCATIONS (Sites)

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lessing, experiments, research, or surgery bull not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO OF ANIMAL  (Cois. C D + E)
. Dogs	208	208			208
Cats	67	62	5		67
. Guinea Pigs	355	355	331	24	355
. Hamsters					
Rabbits	193	198	-		193
Non-human Primates					
0. Sheep					
1. Pias					
2. Other Farm Animals					
Goats	14	14			14
3. Other Animals					
Chickens	233	233			233

sheets if necessary.)

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Annial Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending vetermarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Ficertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

**APHIS FORM 7023** (AUG 91)

GNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolute )

# Optional Column E Explanation Form

This form is intended as an aid to completing the Column E explanation. It is <u>not</u> an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

_	ımber:	31-5-009	<del>*</del>		
. Number	24		_of an	imals used	in this study.
. Species (commo	n name) Gui	nea Pigs	_of an	imals used	in this study.
. Explain the pro	cedure prod	lucing pain a	nd/or d	istress.	
Positive Co: is required a skin sore	by regul	atory gui	delin	•	, •
lieved. State met lief would interfe	thods or me	ans used to d	etermin	e that pair	n and/or distr
clieved. State medicife would interferentiate to below)  Dermal sensitivith EPA, Official Guideline 40	thods or means the with test the control of the con	ans used to d results. (For studies elines 87	Federal	e that pair ly mandate cucted i cand OE a would	n and/or distr d testing, see n accordant CD interfere
elieved. State med elief would interfeducation 6 below)  Dermal sension with EPA, On	thods or means the with test the control of the con	ans used to d results. (For studies elines 87	Federal	e that pair ly mandate cucted i cand OE a would	n and/or distr d testing, see n accordant CD interfere
elieved. State medelief would interferentiate below)  Dermal sensitivith EPA, Official Guideline 40	thods or means the with test the control of the con	ans used to d results. (For studies elines 87	Federal	e that pair ly mandate cucted i cand OE a would	n and/or distr d testing, see n accordant CD interfere
with EPA, OF Guideline 40	thods or meaning the with test in the second of the second	ans used to describe the results. (For studies selines 97 pain medial evelopments (CFR) title	rederal constr 0.2600 cation t by co	e that pair ly mandate cucted in and or n would cellular	n and/or district dis

See reverse side for additional information

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (No. - . include Zi 31-R-0021. Cust ld 228

d with USDA

BATTELLE MEMORIAL INSTITUTE 505 KING AVENUE COLUMBUS, OH 43201

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, to experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

Laboratory Animal Resources Facility

Medical Research Evaluation Facility

A	8. Number of	C Number of		cessury or use APHIS FORM 7023A)  E. Number of animals upon which teaching,	
Animals Covered By The Animal Wellare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research.	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs		481	185		666
5. Cats		120			120
6. Guinea Pigs	736	1117	103	576	1796
7. Hamsters		6			6
8. Rabbits		34	721	75	830
9. Non-human Primates	45	180	131		311
10. Sheep					
11. Pigs		12	16		28
12. Other Farm Animals					
13. Other Animals					<del></del>
-					
	<del>                                     </del>				
ASSURANCE STATEMENTS					_

#### SSURANCE STATEMENTS

(AUG 91)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approviate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary cure and to oversee the adequacy of other aspects of animal cure and use.

CERTIFICATION BY HEA	DQUARTES RESEAR	CH FACILITY OFFICIAL
(Culet Executive Officer	or Legally Responsibl	e Institutional Official)
Certily that the above i	is true correct, and complete of	111000

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

1-20-0

trieplaces voir Onimito-23 (OC) 88), which is obsolete )

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# Summary of Exceptions to the Regulations or Standards

### A. Dog Exercise

- 1. Exceptions were granted to the dog exercise plan.
- 2. These exceptions were granted for scientific reasons.
  - a. Telemetry Studies

The dogs had been instrumented with telemetry transmitters for the cardiovascular data collection. Data could only be collected while animals resided in their home cages. Exercise activity would have interfered with data collection and would have confounded data analysis. This baseline and study monitoring occurred while the animals had unrestricted activity within their home cages. These exemptions were of short duration (typically 3 to 4 weeks).

- 3. Species: Dog
- 4. Number of animals used: 36

1. Registration Number: 31-R-0021

2. Number of animals used in this study: 420

3. Species (common name) of animals used in this study: Guinea pig

4. Explain the procedure producing pain and/or distress:

### (b)(4)

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results.



6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number:

For 312 of the 420 animals:

Agency: APHIS

FDA

CFR: 21 CFR 620.23

AVA licensure requirements

1. Registration Number: 31-R-0021

2. Number of animals used in this study: 126

3. Species (common name) of animals used in this study: Guinea pig

4. Explain the procedure producing pain and/or distress:

### (b)(4)

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results.



6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number:

Agency: NA

CFR: NA

1. Registration Number: 31-R-0021

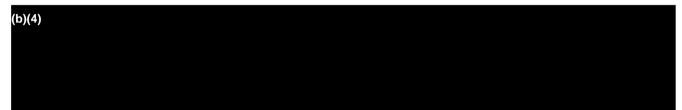
2. Number of animals used in this study: 30

3. Species (common name) of animals used in this study: Guinea pig

4. Explain the procedure producing pain and/or distress:

### (b)(4)

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results.



6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number:

Agency: NA

CFR: NA

1. Registration Number: 31-R-0021

2. Number of animals used in this study: 75

3. Species (common name) of animals used in this study: Rabbit

4. Explain the procedure producing pain and/or distress:

## (b)(4)

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results.



6. What, if any, federal regulations require this procedure? Cite the agency, the Code of Federal Regulations (CFR) title number and the specific section number:

Agency: NA

CFR: NA